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PATENT

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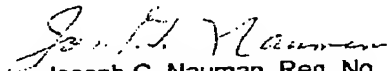
FEB 17 2009

Application of :
Inventor : GEPFREY, Dale A., et al
Serial No. : 10/762,415
Filed : 01/22/2004
Title : WATER-TIGHT WINDOWS WITH PREFORMED CORNERS
Art Unit : 3634
Examiner : SIMBU, Gregory L. [Primary Examiner]
Docket No. : GII 001 P2 US

Mail Stop Patent Amendment
Commissioner for Patents
P.O. Box 1450
ALEXANDRIA VA 22313-1450

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence [eleven(11) pages] is being transmitted by Facsimile to the United States Patent Office via the USPTO Central Fax Number 1-571-273-8300
Commissioner for Patents
ARLINGTON VA 22313-1450
on 16 March 2009.


Joseph G. Nauman, Reg. No. 18,032

Sir:

With regard to the Office Action mailed 11/13/2008, Counsel has encountered a dilemma regarding the rejection entitled **Drawings** beginning at the bottom of page 6 of that Action. What is the "proper cross sectional shading"?

This was the subject of a drawing amendment in the parent application, no objection was made at that time, and the so-amended drawings appear in the Published version of this Continuation application. It appears to Counsel that the drawing amendments in the parent application (carried into this Continuation application) meet the requirements of 37 C.F.R. pages and R-1, R-70 (showing 37 CFR § 1.84 Standards for Drawings), and R-72 entitled (3) *Sectional Views* call for what is shown on the "Replacement" sheets submitted in the parent application.

Copies of the drawings published in this Continuation application, and of the portions from 37 CFR notes above, are included for convenience.

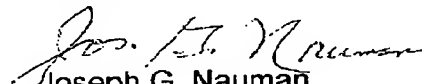
Being unable to decide what to do, in view of the cautions in the outstanding Office Action that "The objection to the drawings will not be held in abeyance" and "Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in the reply to avoid abandonment of the application", Counsel has withheld response to the

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outstanding Office Action, and plans to pay a 'late fee' and file a response soon after this item is clarified. It is requested that the Examiner review the situation as discussed above and telephone Counsel at 937-643-0980.

Respectfully submitted,


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CONSOLIDATED PATENT RULES

Title 37 - Code of Federal Regulations Patents, Trademarks, and Copyrights

Editor's Note (November 25, 2005): All final rules that became effective since the last revision of the Manual of Patent Examining Procedure (MPEP) dated October 2005 are identified below by the *Federal Register* Notice cites and the *Official Gazette* Notice cites, where applicable. These final rules have been incorporated in the Title 37 - Code of Federal Regulations document below. The *Federal Register* Notices are the authoritative source in the event that there are discrepancies between the patent rules in this document and the rules as published in the *Federal Register*.

TITLE: Provisions for Claiming the Benefit of a Provisional Application With a Non-English Specification and Other Miscellaneous Matters

ACTION: Final Rule

FEDERAL REGISTER: 70 FR 56119 (Sept. 26, 2005)

OFFICIAL GAZETTE: 1299 O.G. 142 (Oct. 25, 2005)

EFFECTIVE DATE(S): Nov. 25, 2005

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SUBCHAPTER A - GENERAL

PART 1 - RULES OF PRACTICE IN PATENT CASES

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Sec.

- 1.1 Addresses for non-trademark correspondence with the United States Patent and Trademark Office.

§ 1.84

CONSOLIDATED PATENT RULES

illustration is not essential for a proper understanding of the invention, should be illustrated in the drawing in the form of a graphical drawing symbol or a labeled representation (e.g., a labeled rectangular box). In addition, tables and sequence listings that are included in the specification are, except for applications filed under 35 U.S.C. 371, not permitted to be included in the drawings.

(b) When the invention consists of an improvement on an old machine the drawing must when possible exhibit, in one or more views, the improved portion itself, disconnected from the old structure, and also in another view, so much only of the old structure as will suffice to show the connection of the invention therewith.

(c) Where the drawings in a nonprovisional application do not comply with the requirements of paragraphs (a) and (b) of this section, the examiner shall require such additional illustration within a time period of not less than two months from the date of the sending of a notice thereof. Such corrections are subject to the requirements of § 1.81(d).

[31 FR 12923, Oct. 4, 1966; 43 FR 4015, Jan. 31, 1978; paras. (a) and (c) revised, 60 FR 20195, Apr. 25, 1995, effective June 8, 1995; para. (a) revised, 69 FR 56481, Sept. 21, 2004, effective Oct. 21, 2004]

§ 1.84 Standards for drawings.

(a) *Drawings.* There are two acceptable categories for presenting drawings in utility and design patent applications.

(1) *Black ink.* Black and white drawings are normally required. India ink, or its equivalent that secures solid black lines, must be used for drawings; or

(2) *Color.* On rare occasions, color drawings may be necessary as the only practical medium by which to disclose the subject matter sought to be patented in a utility or design patent application or the subject matter of a statutory invention registration. The color drawings must be of sufficient quality such that all details in the drawings are reproducible in black and white in the printed patent. Color drawings are not permitted in international applications (see PCT Rule 11.13), or in an application, or copy thereof, submitted under the Office electronic filing system. The Office will accept color drawings in utility or design patent applications and statutory inven-

tion registrations only after granting a petition filed under this paragraph explaining why the color drawings are necessary. Any such petition must include the following:

(i) The fee set forth in § 1.17(h);

(ii) Three (3) sets of color drawings;

(iii) An amendment to the specification to insert (unless the specification contains or has been previously amended to contain) the following language as the first paragraph of the brief description of the drawings:

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

(b) *Photographs.*—

(1) *Black and white.* Photographs, including photocopies of photographs, are not ordinarily permitted in utility and design patent applications. The Office will accept photographs in utility and design patent applications, however, if photographs are the only practicable medium for illustrating the claimed invention. For example, photographs or photomicrographs of: electrophoresis gels, blots (e.g., immunological, western, Southern, and northern), autoradiographs, cell cultures (stained and unstained), histological tissue cross sections (stained and unstained), animals, plants, in vivo imaging, thin layer chromatography plates, crystalline structures, and, in a design patent application, ornamental effects, are acceptable. If the subject matter of the application admits of illustration by a drawing, the examiner may require a drawing in place of the photograph. The photographs must be of sufficient quality so that all details in the photographs are reproducible in the printed patent.

(2) *Color photographs.* Color photographs will be accepted in utility and design patent applications if the conditions for accepting color drawings and black and white photographs have been satisfied. See paragraphs (a)(2) and (b)(1) of this section.

(c) *Identification of drawings.* Identifying indicia should be provided, and if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet within the top mar-

§ 1.84

CONSOLIDATED PATENT RULES

(3) *Sectional views.* The plane upon which a sectional view is taken should be indicated on the view from which the section is cut by a broken line. The ends of the broken line should be designated by Arabic or Roman numerals corresponding to the view number of the sectional view, and should have arrows to indicate the direction of sight. Hatching must be used to indicate section portions of an object, and must be made by regularly spaced oblique parallel lines spaced sufficiently apart to enable the lines to be distinguished without difficulty. Hatching should not impede the clear reading of the reference characters and lead lines. If it is not possible to place reference characters outside the hatched area, the hatching may be broken off wherever reference characters are inserted. Hatching must be at a substantial angle to the surrounding axes or principal lines, preferably 45°. A cross section must be set out and drawn to show all of the materials as they are shown in the view from which the cross section was taken. The parts in cross section must show proper material(s) by hatching with regularly spaced parallel oblique strokes, the space between strokes being chosen on the basis of the total area to be hatched. The various parts of a cross section of the same item should be hatched in the same manner and should accurately and graphically indicate the nature of the material(s) that is illustrated in cross section. The hatching of juxtaposed different elements must be angled in a different way. In the case of large areas, hatching may be confined to an edging drawn around the entire inside of the outline of the area to be hatched. Different types of hatching should have different conventional meanings as regards the nature of a material seen in cross section.

(4) *Alternate position.* A moved position may be shown by a broken line superimposed upon a suitable view if this can be done without crowding; otherwise, a separate view must be used for this purpose.

(5) *Modified forms.* Modified forms of construction must be shown in separate views.

(i) *Arrangement of views.* One view must not be placed upon another or within the outline of another. All views on the same sheet should stand in the same direction and, if possible, stand so that they can be read with the sheet held in an upright position. If views wider than the width of the sheet are necessary for the clearest illustration of the invention, the

sheet may be turned on its side so that the top of the sheet, with the appropriate top margin to be used as the heading space, is on the right-hand side. Words must appear in a horizontal, left-to-right fashion when the page is either upright or turned so that the top becomes the right side, except for graphs utilizing standard scientific convention to denote the axis of abscissas (of X) and the axis of ordinates (of Y).

(j) *Front page view.* The drawing must contain as many views as necessary to show the invention. One of the views should be suitable for inclusion on the front page of the patent application publication and patent as the illustration of the invention. Views must not be connected by projection lines and must not contain center lines. Applicant may suggest a single view (by figure number) for inclusion on the front page of the patent application publication and patent.

(k) *Scale.* The scale to which a drawing is made must be large enough to show the mechanism without crowding when the drawing is reduced in size to two-thirds in reproduction. Indications such as "actual size" or "scale 1/2" on the drawings are not permitted since these lose their meaning with reproduction in a different format.

(l) *Character of lines, numbers, and letters.* All drawings must be made by a process which will give them satisfactory reproduction characteristics. Every line, number, and letter must be durable, clean, black (except for color drawings), sufficiently dense and dark, and uniformly thick and well-defined. The weight of all lines and letters must be heavy enough to permit adequate reproduction. This requirement applies to all lines however fine, to shading, and to lines representing cut surfaces in sectional views. Lines and strokes of different thicknesses may be used in the same drawing where different thicknesses have a different meaning.

(m) *Shading.* The use of shading in views is encouraged if it aids in understanding the invention and if it does not reduce legibility. Shading is used to indicate the surface or shape of spherical, cylindrical, and conical elements of an object. Flat parts may also be lightly shaded. Such shading is preferred in the case of parts shown in perspective, but not for cross sections. See paragraph (h)(3) of this section. Spaced lines for shading are preferred. These lines must be thin, as few in number as practicable, and they must contrast with the rest of the drawings. As a substitute